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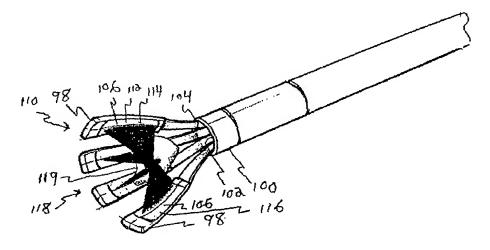
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(54) Title: DEPLOYABLE ULTRASOUND MEDICAL TRANSDUCERS



(57) Abstract: An ultrasound medical system (94) includes a tube (96) and resiliently flexible fingers (98). The tube (96) has a distal end insertable into a patient and has a lumen (102) with a distal opening (104). The fingers (98) are extendable out of the distal opening (104) of the lumen (102) creating a deployed state and are at-least-partially retractable into the distal opening of the lumen creating a stowed state. Each finger includes an ultrasound transducer (106), wherein the distance between the transducers of adjacent fingers is greater in the deployed state than in the stowed state. In one example, at least one of the transducers is an ultrasound imaging transducer, an ultrasound medical-treatment transducer, or an ultrasound imaging and medical treatment transducer.





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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/16689

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US CL : 600/466					
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum doo	cumentation searched (classification system followed b	y classification symbol	ls)		
U.S.: 60	00/407-471; 604/ 10, 19, 22, 41, 96, 113, 114, 500; 6	506/27-32, 35, 38, 41,	159, 167, 170, 171	; 607/122	
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Documentatio	on searched other than minimum documentation to the	extent that such docum	ients are included in	the fields searched	
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C. DOC	UMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No				
A	US 5,699,805 A (Seward et al.) 23 December 1997 (23.12.1997), the entire document. 1-20				
A	US 6,193,709 B1 (Miyawaki et al.) 27 February 2001, (27.02.2001), the entire document.				
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Further	documents are listed in the continuation of Box C.	Coo motors	formily, owner,		
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* S ₁	pecial categories of cited documents:			rnational filing date or priority ation but cited to understand the	
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"P" document published prior to the international filing date but later than the priority date claimed		"&" document me	mber of the same patent i	family	
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